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09/820068
03/28/01

ISSUE CLASSIFICATION	
Class	Subclass

U.S. UTILITY Patent Application

O.I.P.E. FA SCANNED 15-4 Q.A. <i>[Signature]</i>	PATENT DATE
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APPLICATION NO. 09/820068	CONT/PRIOR	CLASS 257 438	SUBCLASS 580	ART UNIT 28TT 2824	EXAMINER LONG W. J. [unclear]
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APPLICANTS:

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SMITH

ЭТЛ

Method of barrier metal surface treatment prior to Cu deposition to improve adhesion and trench filling characteristics

PTO-2040
12/89

ISSUING CLASSIFICATION												
ORIGINAL				CROSS REFERENCE(S)								
CLASS		SUBCLASS		CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)							
INTERNATIONAL CLASSIFICATION												

☐ Continued on Issue Slip Inside File Jacket

<input type="checkbox"/> TERMINAL DISCLAIMER	DRAWINGS		CLAIMS ALLOWED	
	Sheets Drwg.	Figs. Drwg.	Print Fig.	Total Claims
<input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.	_____ (Assistant Examiner)		NOTICE OF ALLOWANCE MAILED	
<input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S Patent. No. _____ _____ _____	_____ (Primary Examiner)		ISSUE FEE	
	_____ (Date)		Amount Due	Date Paid
<input type="checkbox"/> The terminal ____ months of this patent have been disclaimed.	_____ (Legal Instruments Examiner)		ISSUE BATCH NUMBER	
	_____ (Date)			

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